

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS



Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER
Express Mail No. EV170134316US
Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

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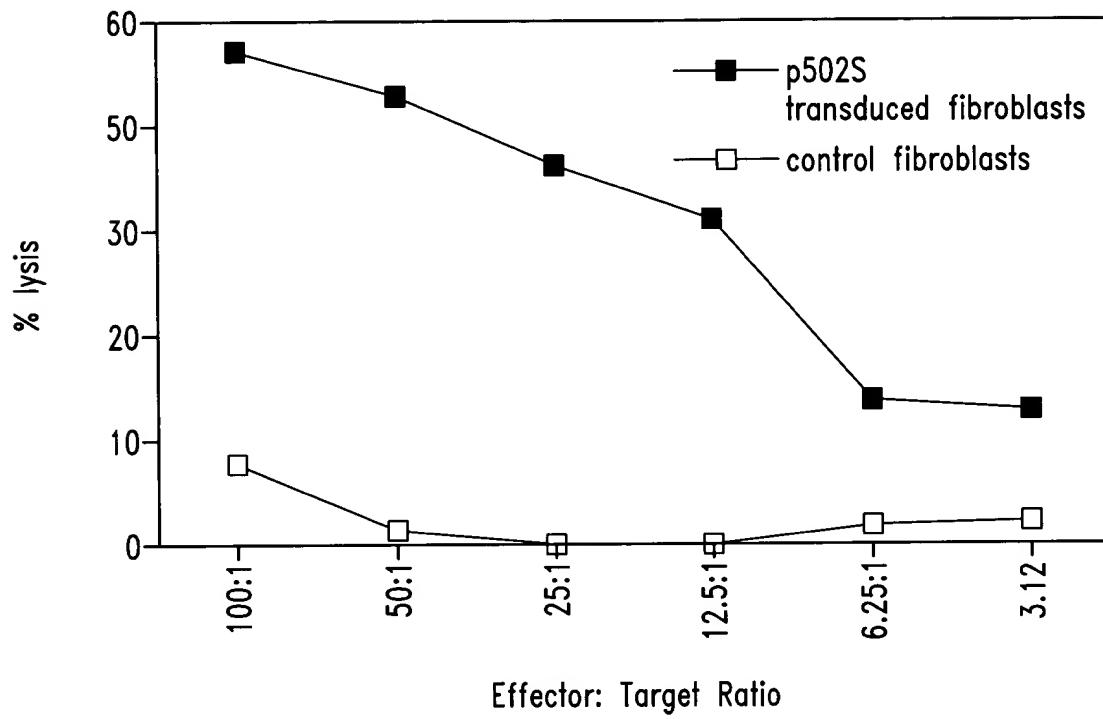
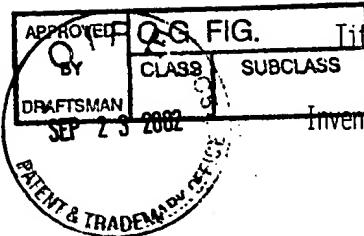


Fig. 1



APPROVED Q.S. FIG. Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

CLASS 434 SUBCLASS 100

Express Mail No. EV170134316US

DRAFTSMAN Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

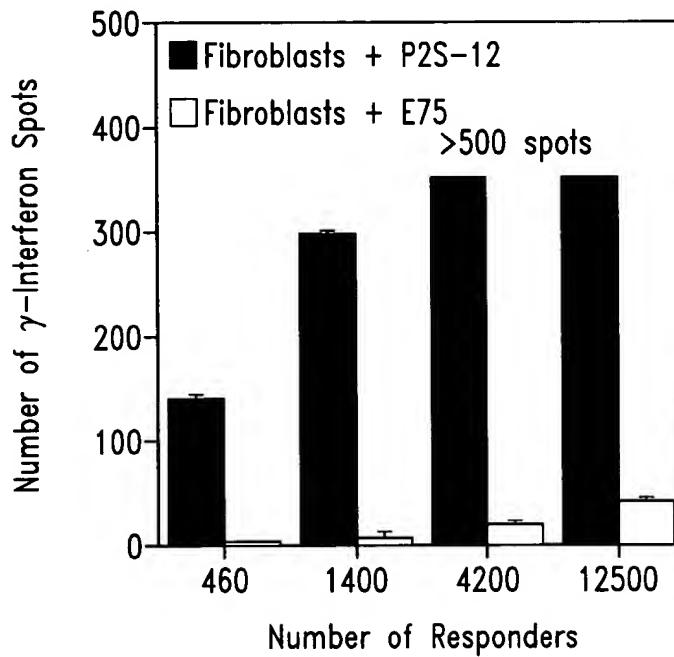


Fig. 2A

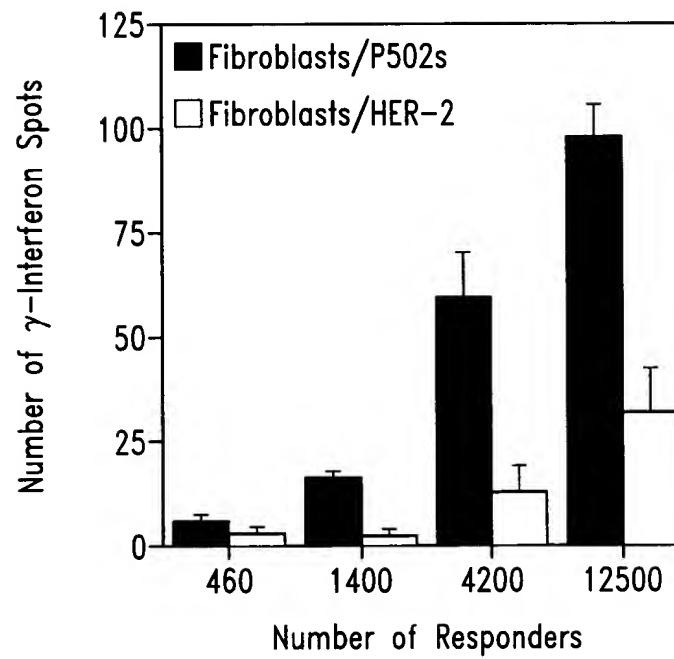
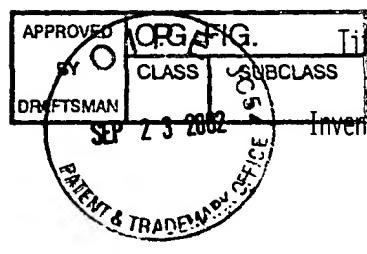


Fig. 2B



Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

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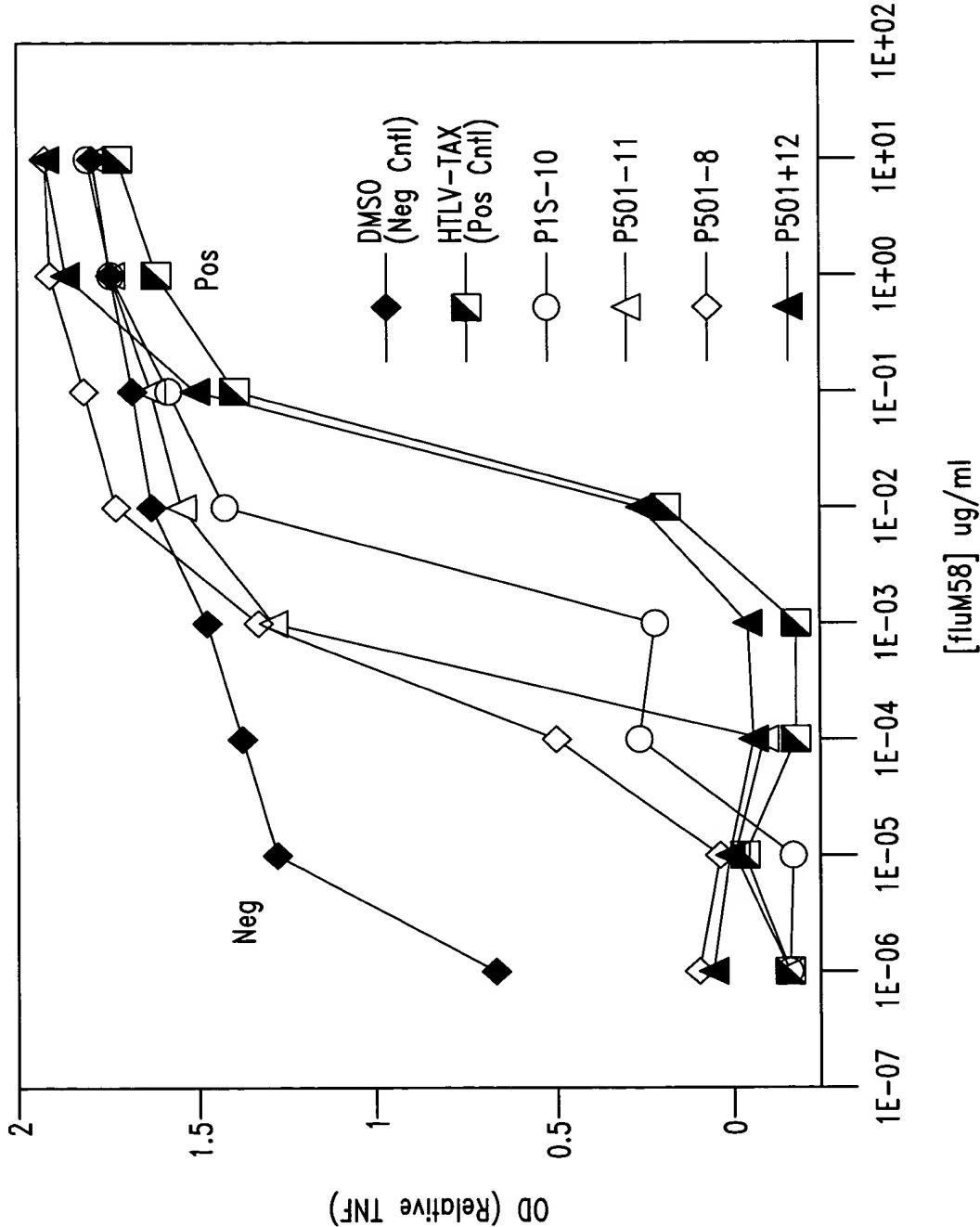
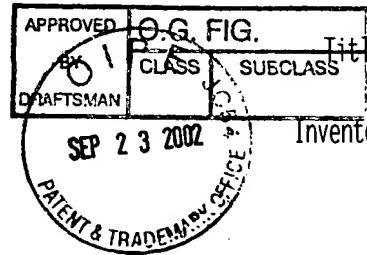


Fig. 3



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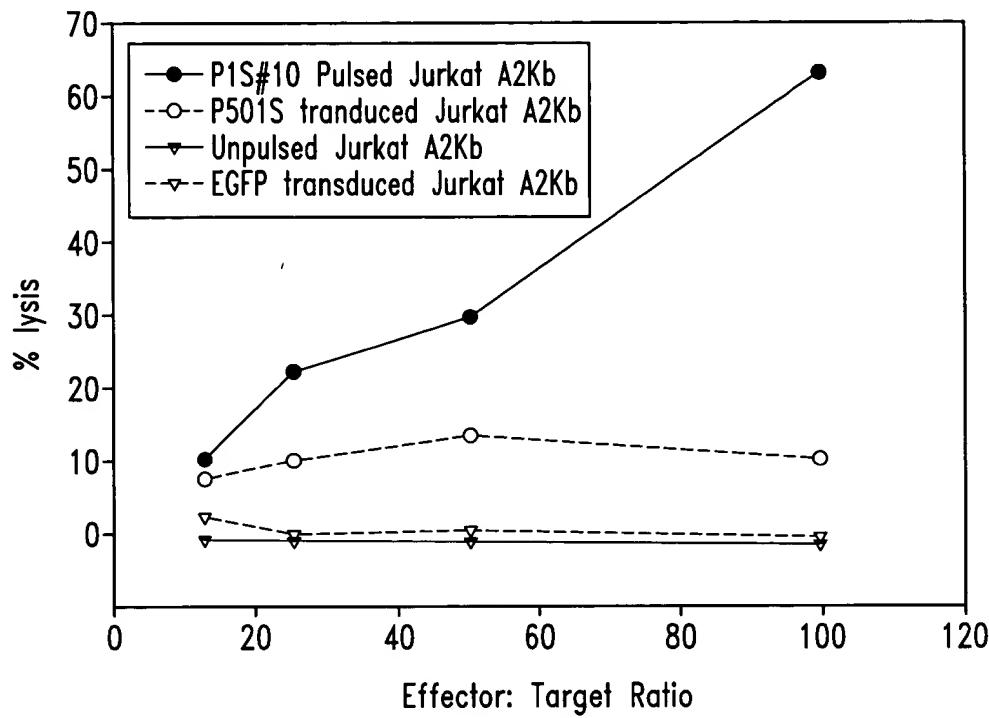


Fig. 4

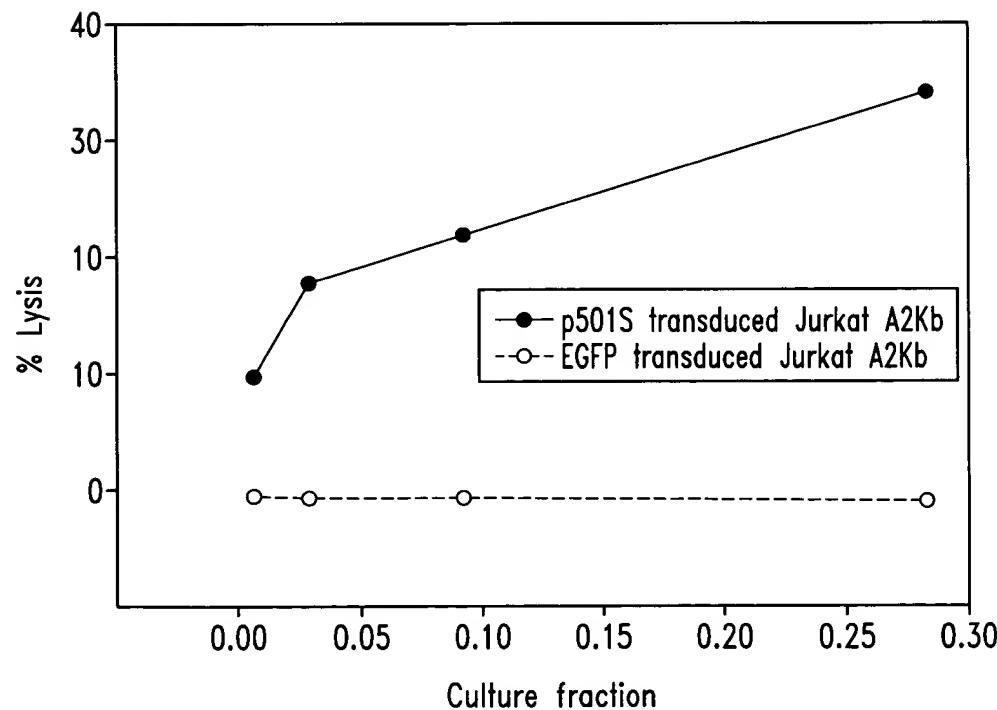


Fig. 5

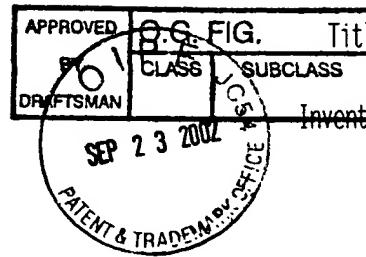


FIG. Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

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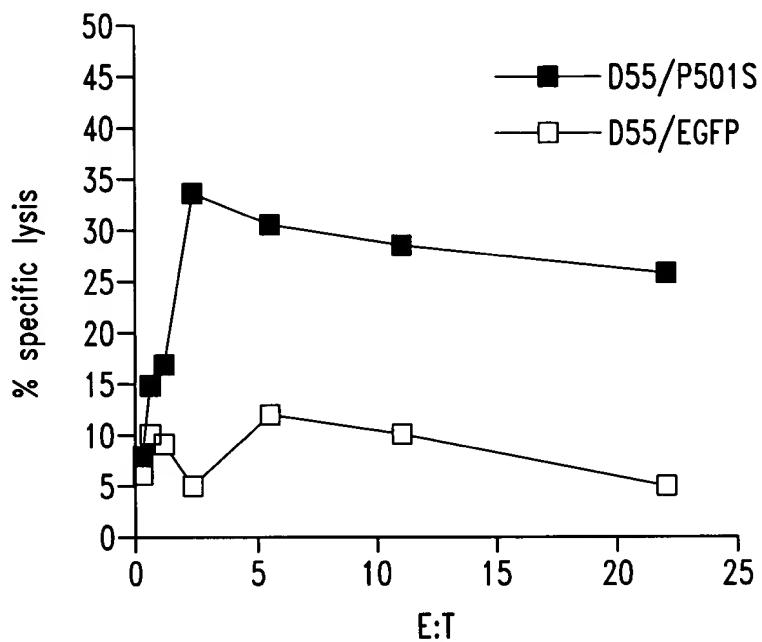


Fig. 6A

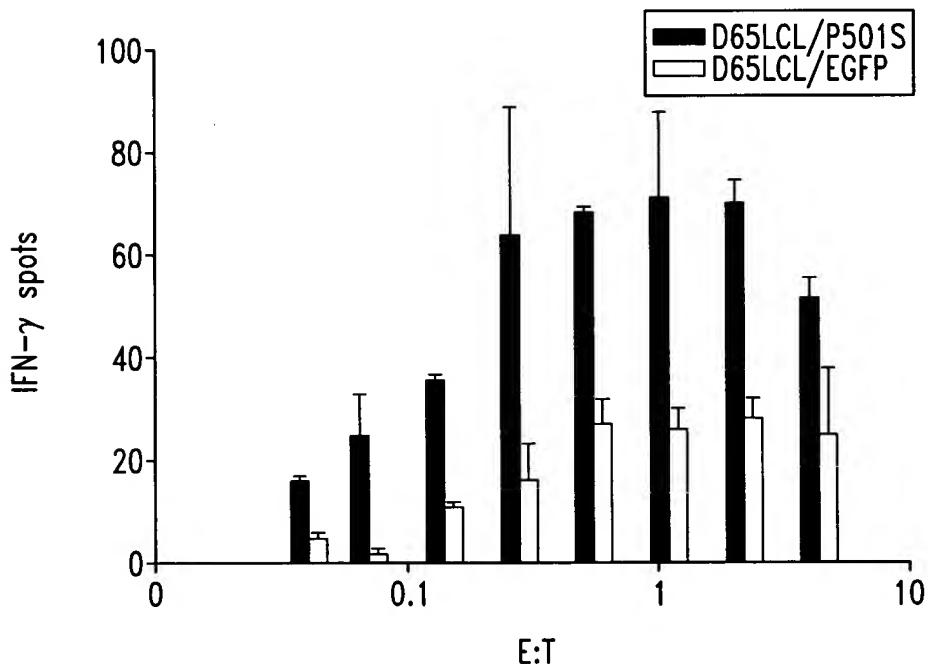
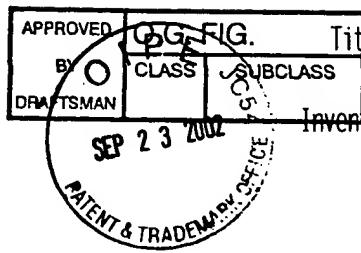


Fig. 6B

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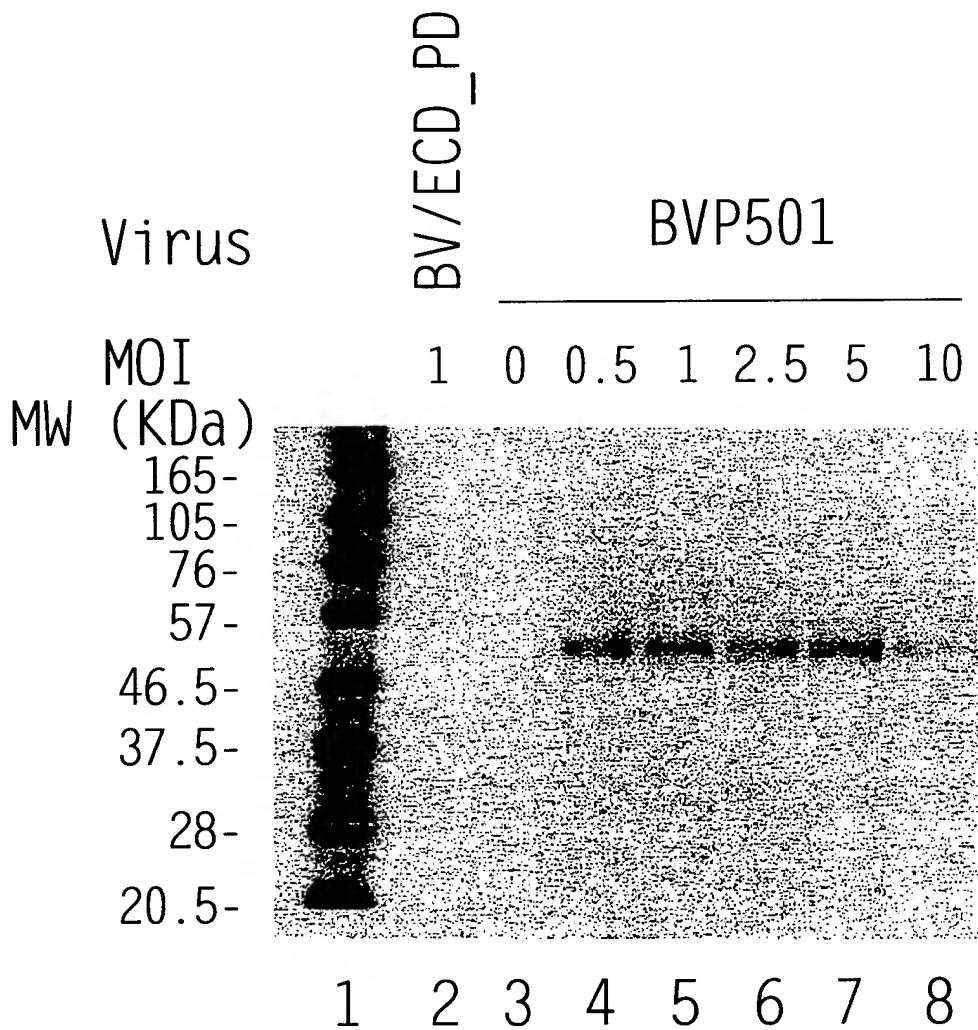


Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

Express Mail No. EV170133960US

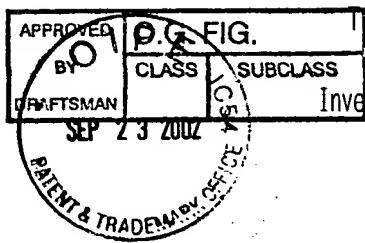
Inventor: Jiangchun Xu et al. Serial No. 09/657,279 Docket No. 210121.427C19

Expression of P501S by the Baculovirus Expression System



C 6 million high 5 cells in 6-well plate were infected with an unrelated control virus BV/ECD_PD (lane2), without virus (lane3), or with recombinant baculovirus for P501 at different MOIs (lane 4-8). Cell lysates were run on SDS-PAGE under the reducing conditions and analyzed by Western blot with a monoclonal antibody against P501S (P501S-10E3-G4D3). Lane 1 is the biotinylated protein molecular weight marker (BioLabs).

Fig. 7



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FIGURE 8. Mapping of the epitope recognized by 10E3-G4-D3

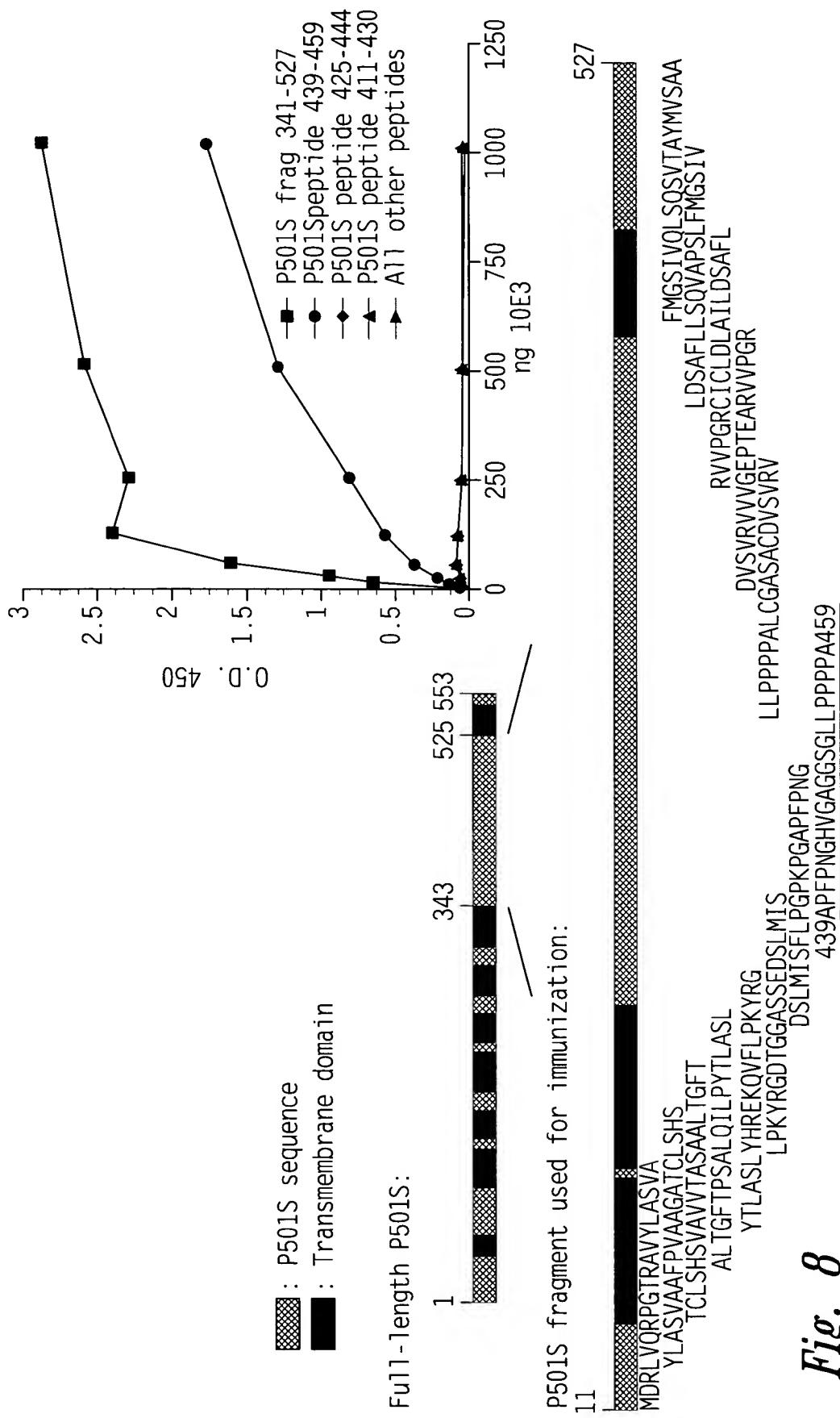


Fig. 8

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Schematic of P501S with predicted
transmembrane, cytoplasmic, and extracellular regions

MVQRLWWSRLLRHRK AQLLVNLLTFGLEVCLAAGIT **YVPPPLLLEVGVEEKFM**
TMVLGIGPVGLVCYPLLGSAS

DHWGRGRYGRRRP FIWALSLGILLSFLIPRAGWL **AGLLCPDPRPLE** LALLILGVGLLDFCGQVCFTPL

EALLSDLFRDPDHCRQ AYSVYAFMISLGGCLGYLLPAI **DWDTSALAPYLGTQEE**

CLFGLLTLIFLTCVAATLLV AEAAALGPTEPAEGLSAPSLSPHCCPCRARLAFRNLGALLPRL

HQLCCRMPRTLRR LFVAELCSWMALMTFLFYTDF **VGEGLYQGVPRAEPGTEARRHYDEGVR**

MGSLGLFLQCAISLVFSLVM DRLVQRFGTRAVYLAS VAAFPVAAGATCLSHSVAVVTA **SAA**

LTGFTFSALQILPYTLASLY HREKQVFLPKYRGDTGGASSED**SLMTSFLPGPKPGAPFPNGHVGAGGSGL**

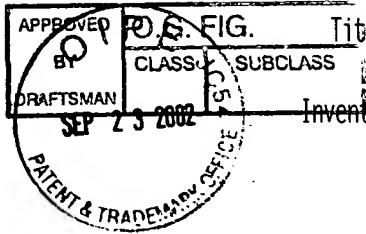
LPPPPALCGASACDVSRVVVGEPTEARVVPGRG **ICLDLAILDSAFLLSQVAPSLF** **MGSIIVQLSQS**

VTAYMVSAGLGLVAIYFAT QVVFDKSDLAKYSA

Underlined sequence: Predicted transmembrane domain; **Bold sequence**: Predicted extracellular domain; *Italic sequence*: Predicted intracellular domain. Sequence in bold/underlined: used generate polyclonal rabbit serum

Localization of domains predicted using HMMTOP (G.E. Tusnady an I. Simon (1998) Principles Governing Amino Acid Composition of Integral Membrane Proteins: Applications to topology Prediction. *J.Mol Biol.* 283, 489-506.

Fig. 9



Genomic Map of (5) Corixa Candidate Genes

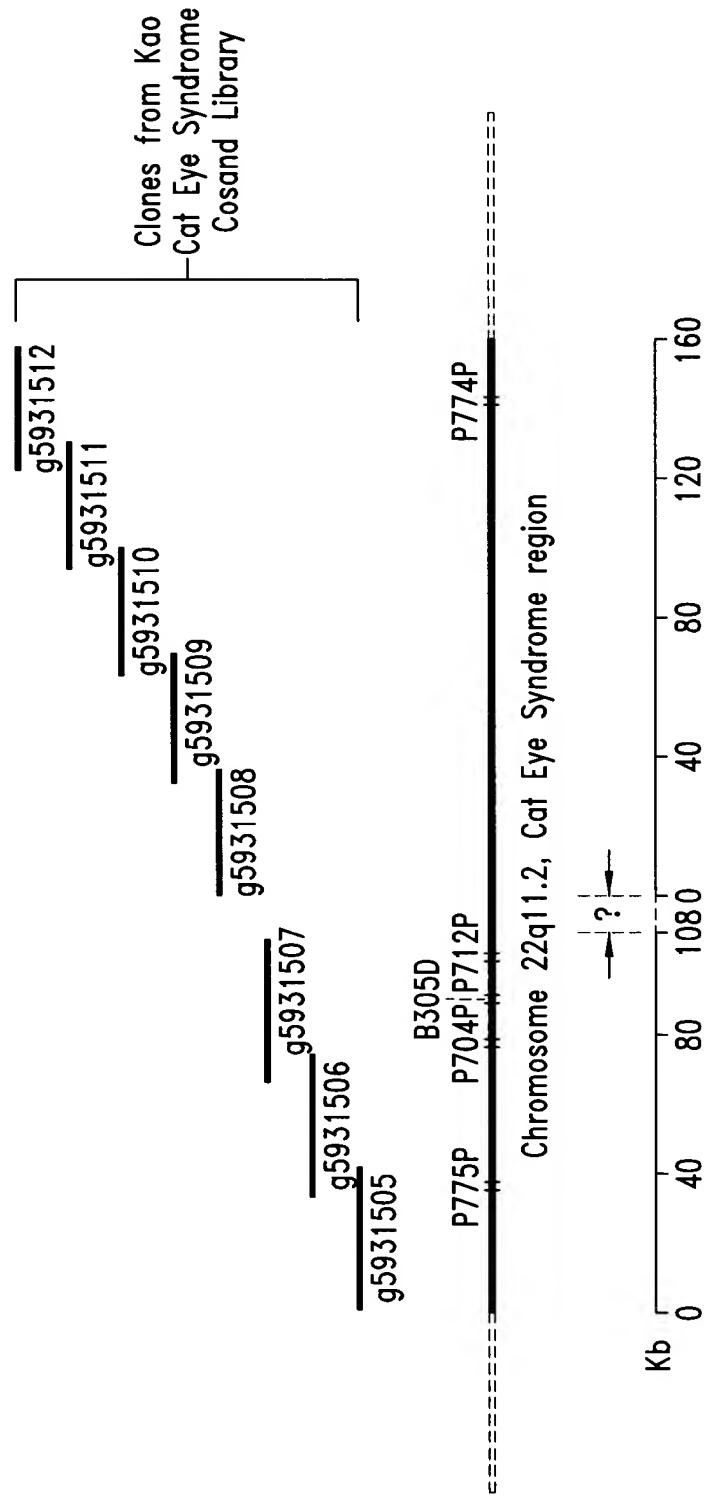
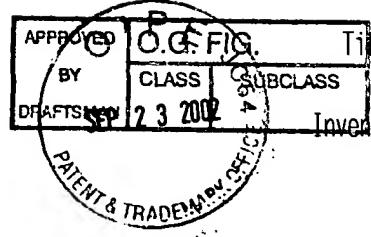


Fig. 10

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Express Mail No. EV170134316US

Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

Elisa assay of rabbit polyclonal antibody specificity

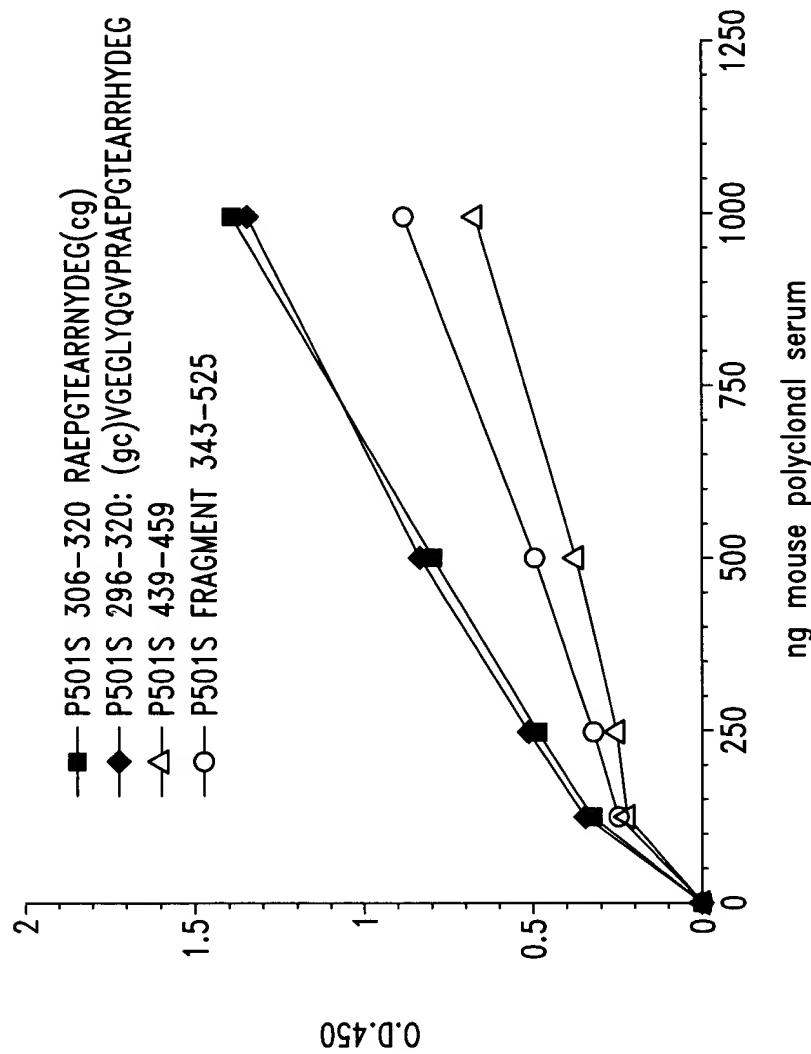
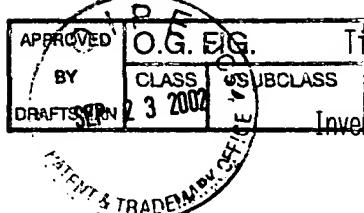


Fig. 11

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Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

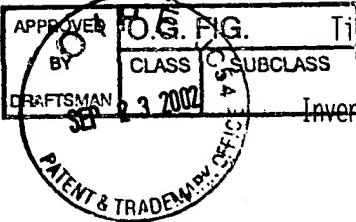
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AAGGAATTTC CTACCGACGC CTTTGGGGAT ATTCAAGTTG AGACACTGGG GAAGAAAGGG 360
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GCCCTGAAGC CGCGCATGCG CAAGATCTTC AGCCGGCTCA TCTACATCGC GCAGTCCAAA 540
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GATGAAGACT TGGCAGAACCA GCTGCTGGTC TATTCTGTG AAGCTTGGGG TGGAAAGCAAC 1980
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Fig. 12A (1)



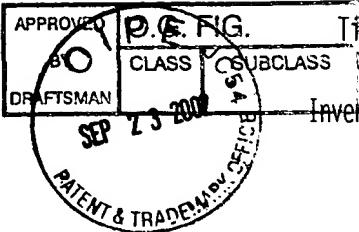
APPROVED BY P.O. FIG. Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

CLASS C SUBCLASS Express Mail No. EV170134316US

DRAFTSMAN Inventor: Jiangchun Xu et al. Serial No. 09/636,215 Docket No. 210121.427C18

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Fig. 12A (2)



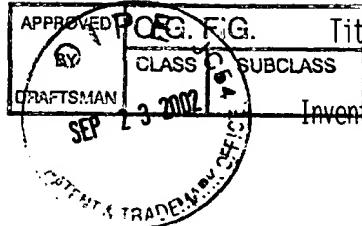
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Fig. 12A (3)



APPROVED BY P.O.G. FIG. Title: COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF PROSTATE CANCER

CLASS 7 SUBCLASS Express Mail No. EV170134316US

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Fig. 12B